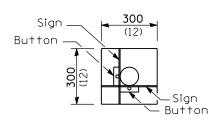
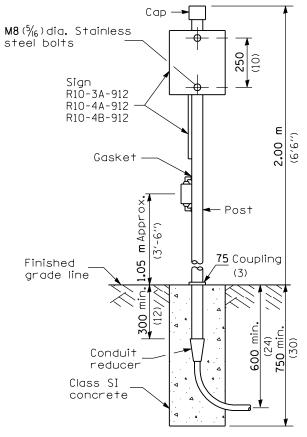


## TYPICAL ONE BUTTON INSTALLATION



## TYPICAL TWO BUTTON INSTALLATION



PEDESTRIAN PUSH BUTTON POST INSTALLATION

All dimensions are in millimeters (inches) unless otherwise shown.

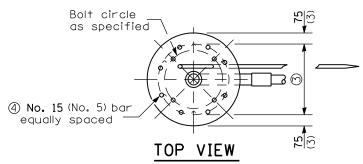
DATE	REVISIONS		
1-1-04	Revised Type E		
	foundation table.		
1-1-03	Added alternate Type E		
	foundation depths and		
	diameters.		

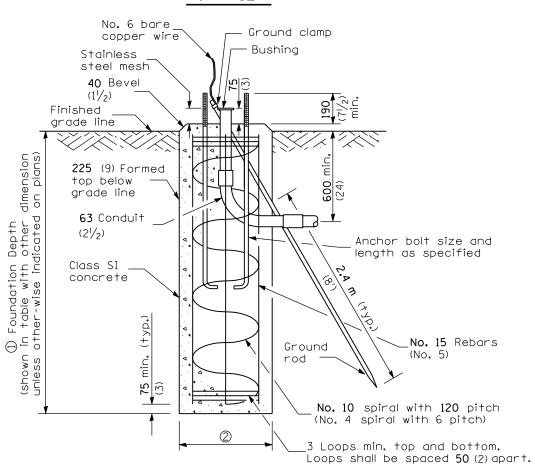
## CONCRETE FOUNDATION DETAILS

(Sheet 1 of 2)

STANDARD 878001-02







Most Arm Length	① Foundation Depth*	②Foundation Diameter	③ Sprial Diameter	④ Quantity of No. 15 (No. 5) Bars
Less than <b>9.1 m</b> (30′)	3.0 m (10'-0'')	<b>750</b> (30)	600 (24)	8
Greater than or equal to 9.1 m (30′) and less than	<b>4.1</b> m (13′-6′′)	<b>750</b> (30)	600 (24)	8
12.2 m (40')	<b>3.4</b> m (11'-0'')	900 (36)	<b>750</b> (30)	12
Greater than or equal to 12.2 m(40') and less than 15.2 m(50')	<b>4.0</b> m (13′-0′′)	900 (36)	<b>750</b> (30)	12
Greater than or equal to 15.2 m (50') and up to 16.8 m (55')	<b>4.6</b> m (15′-0′′)	900 (36)	<b>750</b> (30)	12

\* These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 100 kPa (1.0 tsf). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.

## TYPE E

All dimensions are in millimeters (inches) unless otherwise shown.

CONCRETE FOUNDATION DETAILS

(Sheet 2 of 2

STANDARD 878001-02

